

## SEQUENCE LISTING

&lt;110&gt; GRUENENTHAL GMBH

&lt;120&gt; SCREENING METHOD USING PIM1-KINASE OR PIM3-KINASE

&lt;130&gt; 029310.52818US

&lt;140&gt;

&lt;141&gt;

&lt;150&gt; PCT/EP02/05234

&lt;151&gt; 2002-05-13

&lt;150&gt; DE 101 23 055.9

&lt;151&gt; 2001-05-11

&lt;160&gt; 11

&lt;170&gt; PatentIn Ver. 2.1

&lt;210&gt; 1

&lt;211&gt; 2623

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

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&lt;213&gt; Rattus norvegicus

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       210                  215                  220  
 Ser Ala Thr Val Trp Ser Leu Gly Val Leu Leu Tyr Asp Met Val Cys  
       225                  230                  235                  240  
 Gly Asp Ile Pro Phe Glu Gln Asp Glu Glu Ile Leu Arg Gly Arg Leu  
                   245                  250                  255



Phe Phe Arg Arg Arg Val Ser Pro Glu Cys Gln Gln Leu Ile Glu Trp  
 260 265 270  
 Cys Leu Ser Leu Arg Pro Ser Glu Arg Pro Ser Leu Asp Gln Ile Ala  
 275 280 285  
 Ala His Pro Trp Met Leu Gly Thr Glu Gly Ser Val Pro Glu Asn Cys  
 290 295 300  
 Asp Leu Arg Leu Cys Ala Leu Asp Thr Asp Asp Gly Ala Ser Thr Thr  
 305 310 315 320  
 Ser Ser Ser Glu Ser Leu  
 325

&lt;210&gt; 10

&lt;211&gt; 2447

&lt;212&gt; DNA

&lt;213&gt; Mus musculus

&lt;400&gt; 10

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&lt;210&gt; 11

&lt;211&gt; 326

&lt;212&gt; PRT

&lt;213&gt; Mus musculus

&lt;400&gt; 11

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Met Leu Leu Ser Lys Phe Gly Ser Leu Ala His Leu Cys Gly Pro Gly
  1              5              10              15

Gly Val Asp His Leu Pro Val Lys Ile Leu Gln Pro Ala Lys Ala Asp
          20              25              30

Lys Glu Ser Phe Glu Lys Val Tyr Gln Val Gly Ala Val Leu Gly Ser
          35              40              45

Gly Gly Phe Gly Thr Val Tyr Ala Gly Ser Arg Ile Ala Asp Gly Leu
          50              55              60

Pro Val Ala Val Lys His Val Val Lys Glu Arg Val Thr Glu Trp Gly
          65              70              75              80

Ser Leu Gly Gly Val Ala Val Pro Leu Glu Val Val Leu Leu Arg Lys
          85              90              95

Val Gly Ala Ala Gly Gly Ala Arg Gly Val Ile Arg Leu Leu Asp Trp
          100              105              110

Phe Glu Arg Pro Asp Gly Phe Leu Leu Val Leu Glu Arg Pro Glu Pro
          115              120              125

Ala Gln Asp Leu Phe Asp Phe Ile Thr Glu Arg Gly Ala Leu Asp Glu
          130              135              140

Pro Leu Ala Arg Arg Phe Phe Ala Gln Val Leu Ala Ala Val Arg His
          145              150              155              160

Cys His Asn Cys Gly Val Val His Arg Asp Ile Lys Asp Glu Asn Leu
          165              170              175

Leu Val Asp Leu Arg Ser Gly Glu Leu Lys Leu Ile Asp Phe Gly Ser
          180              185              190

Gly Ala Val Leu Lys Asp Thr Val Tyr Thr Asp Phe Asp Gly Thr Arg
          195              200              205

Val Tyr Ser Pro Pro Glu Trp Ile Arg Tyr His Arg Tyr His Gly Arg
          210              215              220

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Ser Ala Thr Val Trp Ser Leu Gly Val Leu Leu Tyr Asp Met Val Cys
225                      230          235                    240

Gly Asp Ile Pro Phe Glu Gln Asp Glu Glu Ile Leu Arg Gly Arg Leu
                245                  250              255

Phe Phe Arg Arg Arg Val Ser Pro Glu Cys Gln Gln Leu Ile Glu Trp
               260                   265                 270

Cys Leu Ser Leu Arg Pro Ser Glu Arg Pro Ser Leu Asp Gln Ile Ala
           275                     280             285

Ala His Pro Trp Met Leu Gly Thr Glu Gly Ser Val Pro Glu Asn Cys
      290                295            300

Asp Leu Arg Leu Cys Ala Leu Asp Thr Asp Asp Gly Ala Ser Thr Thr
305                        310         315        320

Ser Ser Ser Glu Ser Leu
       325
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